Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 24 May 2022 until 23:59 on Wednesday 25 May 2022

Forecast Issued on Tuesday 24 May 2022 at 02:18

Confidence: High for unsettled main theme giving way to a drier, brighter and warmer end to the current week. Low for shower detail and precise track of rain-bearing systems crossing the area through midweek.

Headline for Tuesday 24 May 2022: Breezy with some sunny spells but also heavy and locally thundery showers.

Mountain weather hazards on Tuesday 24 May 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy rain showers	Thunderstorm	Thunderstorm	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	40%	60%	60%	20%	20%

Forecast for Tuesday 24 May 2022

Weather: Bright and breezy today, with scattered showers soon breaking out, becoming heavier and locally bearing hail this afternoon. The most reliable favourable conditions for activities should develop during the evening, with showers easing in intensity.

Chance of cloud-free hill tops above 600m: 30% at first, soon improving to greater than 90% from mid-morning.

Low cloud and visibility: Visibility generally very good, but note locally frequent sharp drops in heavy rain showers and especially hail. Some cloud on the highest ground first thing, around 500-600m but should soon lift.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 24 May 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/21 W	17/25 W	20/28 W	19/28 W	18/26 W	13/20 W	15/23 SW
300	13/18 W	15/23 NW	17/25 W	17/27 W	15/23 W	9/16 W	12/19 SW
Valley	9/18 W	12/24 NW	13/24 W	15/29 W	12/23 W	6/15 W	7/17 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	7/3	8/4	8/4	9/5	7/4	6/2
300	8/5	9/6	11/8	11/8	12/9	10/8	9/6
Valley	9/7	10/7	12/10	12/10	12/10	10/9	9/7
Freezing Level*	1300m	1400m	1400m	1500m	1500m	1500m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Breezy in exposure, with wind chill a factor when taken with frequent showers in places. While interrupted by showers, the sun remains relatively strong. Layers and adequate sun protection are both advised, along with avoiding the most exposed ground given the threat of thunder.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 24 May 2022	0.2mm	0.2mm	0.2mm

Forecast for Wednesday 25 May 2022

Weather: Becoming cloudy through the early hours, culminating in spells of rain and drizzle over west-facing ground in particular from daybreak, becoming heavier and more persistent through the middle of the day before likely easing and becoming more intermittent later. Unseasonably windy throughout, and probably on the cool side, with cloud likely to persist even as the rain dies away later.

Maximum wind: Westerly 30mph, gusting 40-45mph.

Chance of cloud-free hill tops above 600m: 40% improving 90%

Low cloud and visibility: Visibility lower in the main than on Tuesday, perhaps poor at elevation at first with cloud down to 400 metres, but generally improving with time.

Temperature: **Valleys:** Plus 7 becoming plus 18 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the peaks.

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